

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (03-01)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 10/31/2002 OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 2269-5347.2US (02-0171.02/US)
First Inventor Larry D. Kinsman
Title FLIP-CHIP IMAGE SENSOR PACKAGES AND METHODS OF FABRICATION
Express Mail Label No. EV 348044905 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 20]
(Preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
5. Oath or Declaration [Total Pages 3]
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
c. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Mail Stop Patent Application
Commissioners for Patents
P.O. Box 450
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (If foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

Prior application information: Examiner P. Greene

of prior application No. 10 / 230,654

Group / Art Unit: 2826

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

24247

or ☐ Correspondence address below

24247

PATENT TRADEMARK OFFICE

| | | | |
|---------|-------|----------|-----------|
| Name | | | |
| Address | | | |
| City | | | |
| Country | State | Zip Code | Telephone |
| | | | Fax |

| | | | |
|-------------------|----------------|-----------------------------------|--------------|
| Name (Print/Type) | Greg T. Warder | Registration No. (Attorney/Agent) | 50,208 |
| Signature | | Date | July 3, 2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/613237
07/03/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 750

Complete if Known

Application Number To be assigned
Filing Date July 3, 2003
First Named Inventor Larry D. Kinsman
Examiner Name To be assigned
Group / Art Unit To be assigned
Attorney Docket No. 2269-5347.2US (02-0171.02/US)

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number 20-1469
Deposit Account Name TraskBrit

The Commissioner is authorized to: (check all that apply)
☐ Charge fees(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|----------|----------|--------------|------------------------|----------|-----------------|----------|
| 1001 | 750 | 2001 | 375 | Utility filing fee | | 750 | |
| 1002 | 330 | 2002 | 165 | Design filing fee | | | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | | | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | | | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | | | |

SUBTOTAL (1)

(\$ 750)

2. EXTRA CLAIM FEES

| Total Claims | 10 | -20 | ** | Extra Claims | 0 | X | Fee from below | 18 | = | Fee Paid |
|--------------------|----|-----|----|--------------|---|----|----------------|----|---|----------|
| Independent Claims | 1 | -3 | ** | 0 | X | 84 | = | 0 | | |
| Multiple Dependent | | | | X | | | = | 0 | | |

Large Entity

| Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description |
|----------|----------|--------------|----------|--|-----------------|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 | |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid | |
| 1204 | 84 | 2204 | 42 | ** Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2)

(\$ 0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

| Large Entity | Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|----------|----------|--------------|--|----------|-----------------|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | | | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | | | |
| 1053 | 130 | 2053 | 65 | Non-English specification | | | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | | | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | | | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | | | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | | | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | | | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | | | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | | | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | | | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | | | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | | | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | | | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | | | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | | | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | | | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | | | |
| 1502 | 470 | 2502 | 235 | Design issue fee | | | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | | | |
| 1480 | 130 | 1480 | 130 | Petitions to the Commissioner | | | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | | | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Sheet | | | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | | | |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) | | | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | | | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | | | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

SUBMITTED BY

Name (Print/Type) Greg T. Winder Registration No. Attorney/Agent 50,208 Telephone 801-532-1922
Signature [Signature] Date July 3, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22304-2450.